

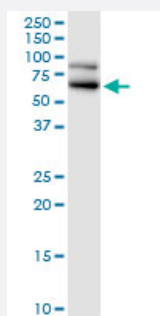
MaxPab®

RANGAP1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005905-B01P

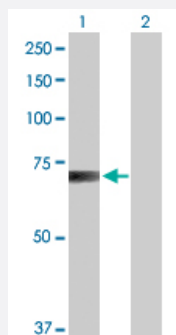
Size 50 ug

Applications



Western Blot (Cell lysate)

RANGAP1 MaxPab polyclonal antibody. Western Blot analysis of RANGAP1 expression in Jurkat.

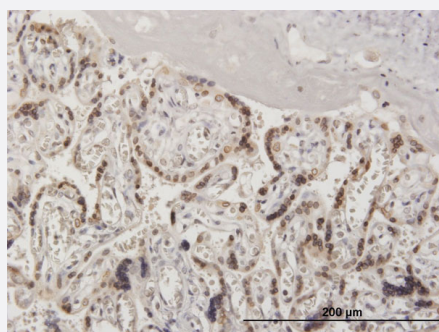


Western Blot (Transfected lysate)

Western Blot analysis of RANGAP1 expression in transfected 293T cell line ([H00005905-T01](#)) by RANGAP1 MaxPab polyclonal antibody.

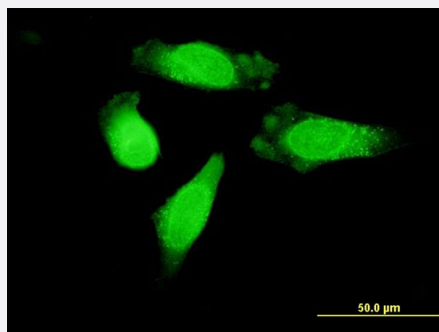
Lane 1: RANGAP1 transfected lysate(64.57 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to RANGAP1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RANGAP1 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RANGAP1 protein.
Immunogen	RANGAP1 (NP_002874.1, 1 a.a. ~ 587 a.a) full-length human protein.
Sequence	MASEDIAKLAETLAKTQVAGGQLSFKGKSLKLNTAEDAKDVIKEIEDFDSLEALRLEGNTVGVEAA RVIKALEKKSELKRCHWSDMFTGRLRTEIPPALISLGEGLITAGACLVELDLSDNAFGPDGVQGF EALLKSSACFTLQELKLNNCGMGIGGGKILAAALTECHRKSSAQGKPLALKVVFVAGRNRLENDGA TALAEAFRVIPTLEEVHMPQNGINHPGITALAQAFVNPPLRVINLNDNTFTEKGAVAMAETLKT QVEVINFGDCLVRSKGAVAIADAIKGGPLPKLKELNLSFCEIKRDAALAVAEAMADKAELEKLDLNG NTLGEEGCEQLQEVLGEGFNMAKVLASLSDDEDEEEEEEGEEEEEEEEEEEEEEEEEEEEEEEE EEEEEPQQRGQGEKSATPSRKILDPNTGEPAPVLSSPPPADVSTFLAFPSPEKLLRLGPKSSVLI AQQTDTSDPEKVVSAFLKVSSVFKDEATVRMAVQDAVDALMQKAFNSSFNSNTFLTRLLVHM GLLKSEDKVKAIANLYGPLMALNHMVQQDYFPKALAPLLLAFTKPNSESCSFARHSLQLTYK V
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

RANGAP1 MaxPab polyclonal antibody. Western Blot analysis of RANGAP1 expression in Jurkat.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of RANGAP1 expression in transfected 293T cell line ([H00005905-T01](#)) by RANGAP1 MaxPab polyclonal antibody.

Lane 1: RANGAP1 transfected lysate(64.57 KDa).

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[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to RANGAP1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RANGAP1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — RANGAP1

Entrez GeneID	5905
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GeneBank Accession#	NM_002883.2
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Protein Accession#	NP_002874.1
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Gene Name	RANGAP1
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Gene Alias	Fug1, KIAA1835, MGC20266, SD
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Gene Description	Ran GTPase activating protein 1
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Omim ID	602362
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Gene Ontology	Hyperlink
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Gene Summary

RanGAP1, is a homodimeric 65-kD polypeptide that specifically induces the GTPase activity of RAN, but not of RAS by over 1,000-fold. RanGAP1 is the immediate antagonist of RCC1, a regulator molecule that keeps RAN in the active, GTP-bound state. The RANGAP1 gene encodes a 587-amino acid polypeptide. The sequence is unrelated to that of GTPase activators for other RAS-related proteins, but is 88% identical to Fug1, the murine homolog of yeast Rna1p. RanGAP1 and RCC1 control RAN-dependent transport between the nucleus and cytoplasm. RanGAP1 is a key regulator of the RAN GTP/GDP cycle. [provided by RefSeq]

Other Designations

OTTHUMP00000028918|segregation distorter homolog|segregation distortion